

# Work Order ID 58278

May 3, 2010 9:54:21 AM



Page 1

Item ID: D412-702-111B

Accept



Setup Start



Revision ID:

Item Name: Harness Assembly

Stop



Start Date: 03/05/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 13/05/2010 Req'd Qty: 1.00



Customer:

Reference:

Approvals:

Process Plan:

*RL*

Date: 10-5-03 Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Draw  
Number

Draw  
Rev.

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

100

Pick Kit

0.00



Packaging

Memo

0.00

Packaging

*EP 5/10/06/23 (2)*

110

0.00



Small Fab

Memo

0.00

Small Fab

Assemble as per ICA D412-702 P79

*EP 5/10/06/23 (2)*

120

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control

*8066623*

*TD*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 58278**

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Item ID: D412-702-111B

Accept



Setup Start



Revision ID:

Stop



Item Name: Harness Assembly

Start Date: 03/05/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 13/05/2010 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run HoursDraw  
NumberDraw  
Rev.Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

Identify as per dwg & Stock Location 274

0.00



Packaging

Memo

CH6001

0.00

Packaging

10-6/23

sl

10

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

10/06/24

C210/6/24

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

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Page 1

Work Order ID: 58278

Parent Item: D412-702-111B

Parent Item Name: Harness Assembly





Comments: IPP rev A 07.05.11 new issue EC  
IPP Rev:B Removed Decal D3569 07-07-06 JLM

Start Date: 03/05/2010

Required Date: 13/05/2010

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Qty Issued	Date Issued	Status
 Washer		Purchased	No			100	Each	4,327.000	4			
<i>08F017</i> <i>MS1149D0332 J</i>												
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>				
				ST348		4327					<i>EP 10/06/23</i>	
					110985	4327						
 Bracket		Manufactured	No			100	Each	26.0000	1			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>				
				ST245A		26						
				47532		1						
				55311		25					<i>B52167 (1X)</i>	
 Shoulder Harness		Manufactured	No			100	Each	0.0000	1			
<i>B59041 (1X)</i>												
MS21042L3		Purchased	No			100	Each	1,770.000	4			
<i>EP 10/06/23</i>												
 Screw		Purchased	No			100	Each	106.0000	4			
<i>EP 10/06/23</i>												
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>				
				ST289		106						
				113538		106					<i>4</i>	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# DART AEROSPACE LTD.

ICA-D412-702

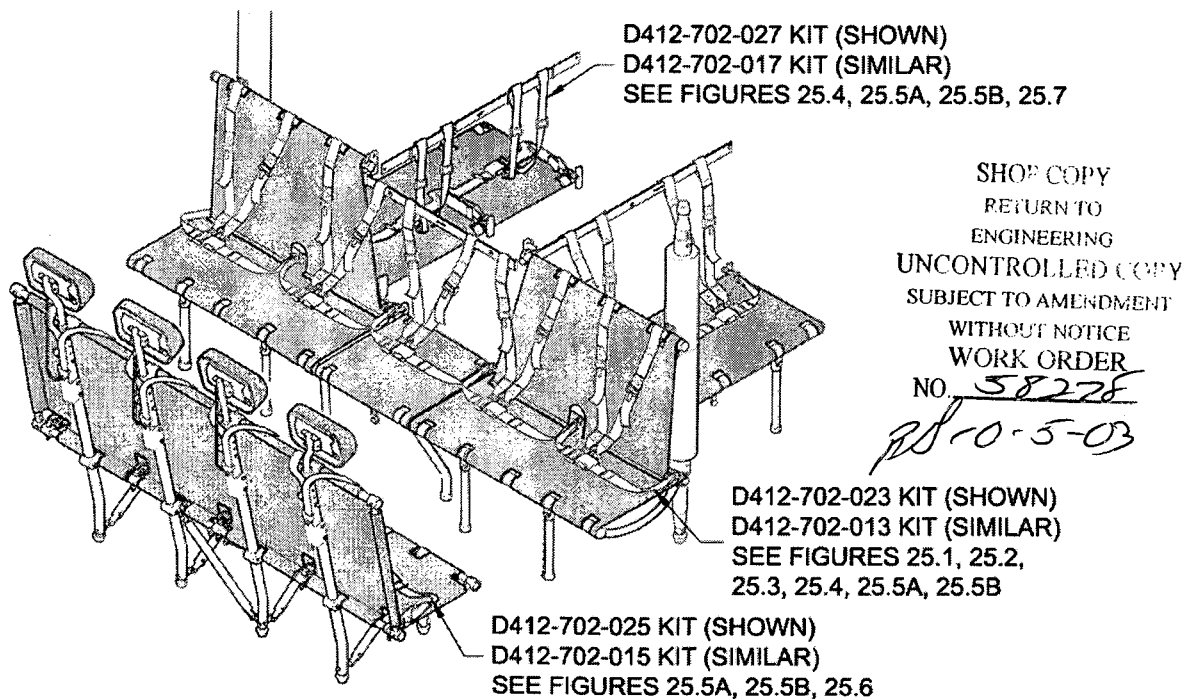
ICA Page 17 (18 blank) of 98

The Dart **D412-702-069** Grommet Kit provides grommets and grommet installation tools for use on the OEM thermal blankets when installing the 4-point shoulder harness kits.

The D412-702-011/-013/-015/-017/-019 kits can be converted to D412-702-021/-023/-025/-027/-029 kits (respectively) by replacing the D3215-041/-043 Harness Assemblies with D3446-041/-043 Harness Assemblies (respectively) per the appropriate installation procedure of this ICA. Note that 1x D3446-041 will replace 2x D3215-041 and 1x D3446-043 will replace 1x D3215-043.

The components in the Dart kits are as defined in the tables in Section 25.27-25.29 of this ICA. For convenience, only the last three digits of the part number are listed on the top row of each table. The quantity of each component, which is included in the D412-702-011 13-Man Shoulder Harness Kit, for example, is as defined in the column labeled -011.

**Figure 1.1** shows the D412-702-011/-021 13-man shoulder harness kits and **Figure 1.2** shows the D412-702-019/-029 1-man shoulder harness kits. **Figure 1.3** shows the D412-702-041A/-041B 13-man shoulder harness kits and **Figure 1.4** shows the D412-702-049A/-049B 1-man shoulder harness kits.



**FIGURE 1.1 DART D412-702-011/-021 13-MAN 4-POINT SHOULDER HARNESS KIT**  
(D412-702-021/-023/-025/-027 KITS SHOWN; D412-702-011/-013/-015/-017 KITS SIMILAR)

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DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

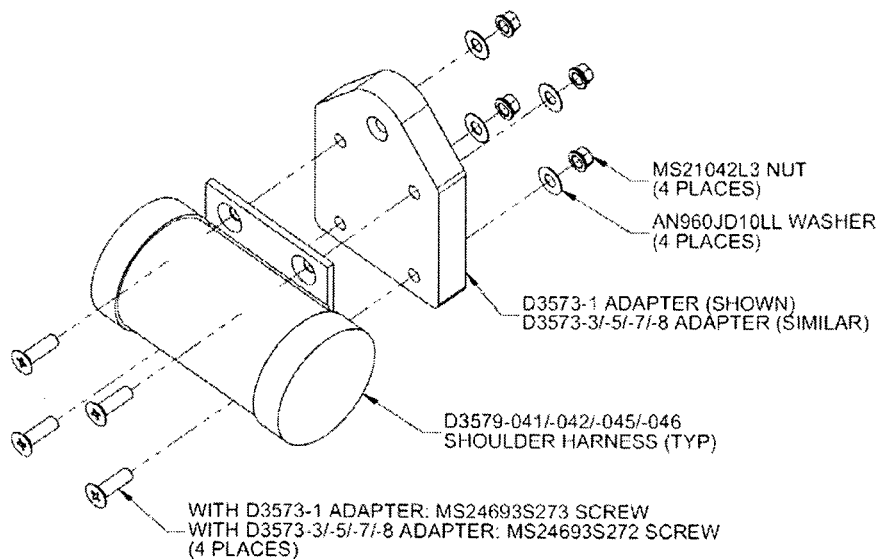
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Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

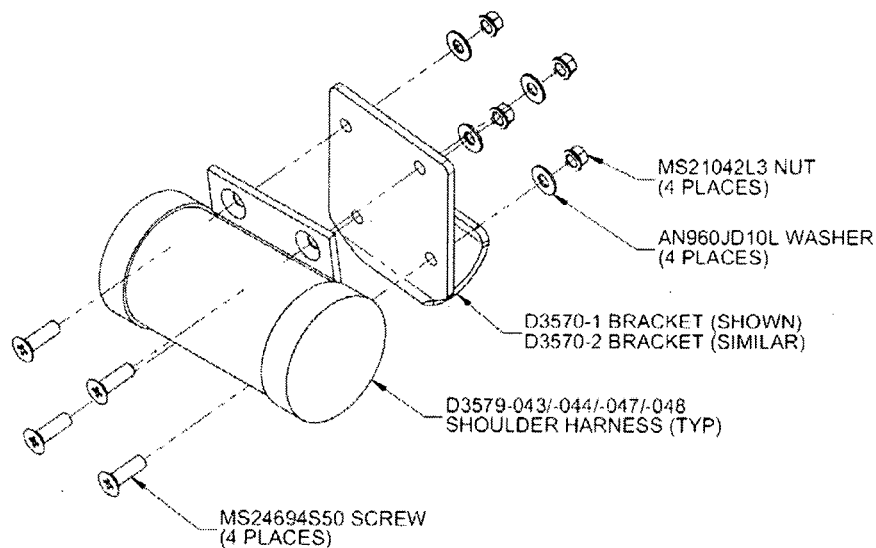
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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**DETAIL 'K' D412-702-101A/-103A/-105A/-107A/-109A/-115A/-117A AND  
D412-702-101B/-103B/-105B/-107B/-109B/-115B/-117B HARNESS ASSEMBLIES**  
(BELTS, K6.2 CLIP AND D3569-1/-2/-3 DECAL NOT SHOWN)



**DETAIL 'L' D412-702-111A/-111B/-113A/-113B HARNESS ASSEMBLIES**  
(BELTS AND D3569-1/-2/-3 DECALS NOT SHOWN)

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